

CLAIMS:

1. An accessory for a fuel burning or processing engine or machine, the accessory comprising a core formed of a material having ferri-magnetic properties, the core being of elongate form and defining a recess adapted to receive a high tension lead, there being clamping means adapted to a clamp a high tension lead and retain it in the recess, wherein the core is retained within a housing formed of a non-ferrous material and the housing is provided with means adapted to receive calibrating elements formed of a material with high magnetic permeability at low field strength and low hysteresis loss.
2. An accessory according to Claim 1 wherein the core is formed of a material having high resistivity and low reluctance.
3. An accessory according to Claim 1 or Claim 2 wherein the core is formed of ferrite.
4. An accessory according to any one of the preceding Claims wherein the housing has a lower housing element, and an upper cover pivotally connected to the lower housing element.
5. An accessory according to any one of the preceding Claims wherein the calibrating elements are formed of permalloy.
6. An accessory according to any one of the preceding Claims wherein an inner part of the housing is provided with a plurality of spaced apart pegs, and the calibrating elements are each provided with two apertures adapted to be engaged with two spaced apart pegs.
7. An accessory according to any one of the preceding Claims wherein the clamping means comprise a clamping plate formed of a non-ferrous material.

8. An accessory according to Claim 7 wherein the clamping plate is formed of copper, copper alloy, aluminium or aluminium alloy.
9. An accessory according to Claim 7 or 8 wherein parts of the clamping plate are adapted to be snapped-off.
10. An accessory according to any one of the preceding Claims wherein the accessory further comprises at least one groupings setter comprising an element defining at least one aperture adapted selectively to receive a ferrite insert.
11. An accessory according to Claim 10 wherein four dynamic groupings setters are provided.
12. An accessory substantially as herein described with reference to and as shown in the accompanying drawings.
13. A method of energising hydrogen or a hydrogen compound used in a fuel burning or processing engine or machine, the method comprising the steps of providing a core formed of a material exhibiting ferri-magnetic properties, the core defining a channel adapted to receive a high tension lead of the engine or machine, locating the core in position with the high tension lead received in the channel, and retaining the core and the high tension lead with that relative positioning whilst operating the engine or machine.
14. A method according to Claim 13 wherein the core is the core of an accessory according to any one of Claims 1 to 12.
15. A method according to Claim 13 or 14 wherein the engine or machine is an internal combustion engine and the high tension lead is a spark plug lead.
16. An accessory for a fuel burning or processing engine or machine, substantially as herein described with reference to and as shown in the accompanying drawings.

17. A method of energising fuel substantially as herein described with reference to the accompanying drawings.